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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/090,550	03/04/2002	Baiju Shah	33836000019	7097
30498	7590	11/17/2006		
EXAMINER				
CHEUNG, MARY DA ZHI WANG				
ART UNIT		PAPER NUMBER		
		3694		

DATE MAILED: 11/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/090,550	SHAH ET AL.	
	Examiner Mary Cheung	Art Unit 3694	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 13 September 2006.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-78 is/are pending in the application.
- 4a) Of the above claim(s) 24-42 and 52-78 is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-23 and 43-51 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

<ol style="list-style-type: none"> 1)<input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2)<input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3)<input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____. 	<ol style="list-style-type: none"> 4)<input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____. 5)<input type="checkbox"/> Notice of Informal Patent Application 6)<input type="checkbox"/> Other: _____.
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DETAILED ACTION

Status of the Claims

1. This action is in response to the amendment filed on September 13, 2006. Claims 1-78 are pending. Claims 1-23 and 43-51 are elected and are examined. Claims 24-42 and 52-78 are withdrawn from consideration. Claims 1, 8, 43 and 46 are amended.

Response to Arguments

2. Applicant's arguments with respect to claims 1-23 and 43-51 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 1-23 and 43-51 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fera et al., WO 01/015001 A2 in view of Ginter et al., US 5,892,900.

As to claim 1, Fera teaches in a content bank system comprising at least one digital identity instance representative of at least one object (page 5 lines 8-14), a method for adding object-related information regarding an object of the at least one object to the content bank system, the method comprising (page 4 lines 16-21 and page 5 lines 15-19):

- (a) Receiving from a source by a digital identity instance corresponding to the object, the object related information targeted to a service (page 5 lines 9-21 and page 8 lines 4-10);
- (b) Determining, via a services registry associated with the digital identity instance, whether the service targeted by the object-related information exists, wherein the services registry lists available services for the object (page 8 lines 9-22 and page 9 lines 6-16);
- (c) When the service targeted by the object-related information exists, sending the object-related information to the service (page 14 lines 3-11 and Fig. 5);
- (d) Processing the object-related information by the service such that the object-related information is subsequently available via the content bank system (page 14 lines 12-22).

Fera does not specifically teach the digital identity instance acting as proxy for the object and defined by instantiations of at least one service module associated with the digital identity instance, and wherein the services registry lists available services for the object based on the at least one service module associated with the digital identity instance. However, this matter is taught by Ginter as modules are associated with different instructions and are executed to perform various processes according to instructions (column 66 lines 43-47 and column 94 lines 12-36 and column 100 lines 8-64). It would have been obvious to one of ordinary skill in the art at the time the invention was made to allow the digital identity instance in Fera's teaching to include

service modules for performing services accordingly as taught by Ginter for easy executions of the instructions.

As to claims 2-3, Fera teaches the object-related information is received via at least one access mode of multi-mode interface available to the digital identity instance (Fig. 1).

As to claim 4, Fera teaches determining, via the service registry, location information regarding the service and sending the object-related information to the service based on the location information (page 14 lines 3-11 and Fig. 5).

As to claim 5, Fera teaches the location information corresponds to another content bank system (page 14 lines 3-11 and Fig. 5).

As to claims 6, 10 and 14, Fera teaches the source of the object-related information or the third party or the other third party is any of: the object, another content bank system, another object, a manufacturer of the object, an owner of the object, and a provider of service to the object (page 5 lines 19-21 and page 8 lines 4-10).

As to claim 7, Fera teaches verifying access rights of the source to provide the object-related information associated with object to the content bank system (page 10 lines 1-15).

As to claim 8, Fera teaches in a content bank system comprising at least one digital identity instance representative of at least one object (page 5 lines 8-14), a method for providing object-related information regarding an object of the at least one object to a third party, the method comprising (page 14 lines 3-11 and Fig: 5):

- (a) Determining by a digital identity instance corresponding to the object, the object related information should be provided to the third party (page 14 lines 3-11 and Fig. 5);
- (b) Determining, via a services registry associated with the digital identity instance, whether a service associated with the object-related information exists, wherein the services registry lists available services for the object (page 8 lines 9-22 and page 9 lines 6-16);
- (e) When the service associated with the object-related information exists, accessing the object-related information via the service (page 14 lines 3-11 and Fig. 5);
- (f) Sending, by the service, the object-related information to the third party (page 14 lines 3-22 and Fig. 5).

Fera does not specifically teach the digital identity instance acting as proxy for the object and defined by instantiations of at least one service module associated with the digital identity instance, and wherein the services registry lists available services for the object based on the at least one service module associated with the digital identity instance. However, this matter is taught by Ginter as modules are associated with different instructions and are executed to perform various processes according to instructions (column 66 lines 43-47 and column 94 lines 12-36 and column 100 lines 8-64). It would have been obvious to one of ordinary skill in the art at the time the invention was made to allow the digital identity instance in Fera's teaching to include

service modules for performing services accordingly as taught by Ginter for easy executions of the instructions.

As to claim 9, Fera teaches receiving a request for the object-related information from the third party, wherein the request specifies the third party as the destination for the object-related information (Fig. 9).

As to claims 11-12, Fera teaches the request is received from the third party via at least one access mode of multi-mode interface available to the digital identity instance (Fig. 1).

As to claim 13, Fera teaches receiving a request for the object-related information from another third party, wherein the request specifies the third party as destination for the object related information (Fig. 9).

As to claims 15-16, Fera teaches the request is received from the other third party via at least one access mode of multi-mode interface available to the digital identity instance (Fig. 1).

As to claims 17-18, Fera teaches detecting a condition requiring the object-related information to be pushed to the third party (page 8 lines 4-15 and page 14 lines 3-11 and Fig. 5).

As to claims 19-20, Fera teaches determining via the services registry, location information regarding the service; and accessing the object-related information via the service based on the location (page 14 lines 3-11 and Fig. 9).

As to claim 21, Fera teaches verifying access rights of the third party to the object-related information; sending the additional object-related information to the third

party when the third party possesses access rights to the object-related information associated with object to the content bank system (page 10 lines 1-15 and page 14 lines 3-11).

As to claim 22, Fera teaches prior to sending the object-related information to the third party, processing the object-related information into a form suitable for sending the object-related information to the third party (page 14 lines 3-11 and Fig. 5).

As to claim 23, Fera teaches the object-related information comprises a pointer to additional object-related information (Figs. 10, 12).

Claims 43-51 are rejected for the similar reasons as claims 1, 4, 7-9, 13, 17, 19 and 21.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquire

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Cheung whose telephone number is (571)-272-6705. The examiner can normally be reached on Monday – Thursday from 10:00 AM to 7:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell, can be reached on (571) 272-6712.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

The fax phone number for the organization where this application or proceedings is assigned are as follows:

(571) 273-8300 (Official Communications; including After Final Communications labeled "BOX AF")
(571) 273-6705 (Draft Communications)

Mary Cheung
November 8, 2006

Mary Cheung
MARY D. CHEUNG
PRIMARY EXAMINER